

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3737	97-00072-00-FP	COOK	66	2
STA.		TO STA.		
FED. ROAD DIST. NO. C-91-313-02		ILLINOIS	FED AID PROJECT M-8003 (235)	
CONTRACT NO. 83772				

LEGEND

ABBREVIATIONS

GENERAL NOTES

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS. UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL USE CAUTION WHERE THERE ARE POTENTIAL CONFLICTS. PRIOR TO THE CONSTRUCTION OF THE STORM SEWER, THE CONTRACTOR SHALL NOTIFY THE CITY TO LOCATE EXISTING WATER MAIN, WATER SERVICES, SANITARY SEWER, AND SANITARY SEWER SERVICES WHERE THE PROPOSED STORM SEWER WILL CROSS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL PERFORMED IN ACCORDANCE WITH SECTION 109 OF THE STANDARD SPECIFICATIONS.
4. STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR THE ROAD AND BRIDGE CONSTRUCTION ARTICLE 550.07, METHOD 1 ONLY.
5. STORM SEWER STRUCTURE OFFSET LOCATIONS ARE TO THE BACK OF CURB IF THE STRUCTURE IS IN THE CURB LINE. OTHERWISE IT IS TO THE CENTER OF THE STRUCTURE.
6. FRAME ELEVATION GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION ON THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.
7. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
8. ALL SAW CUTTING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
9. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED IN ACCORDANCE WITH THE DETAILS IN THE PLANS AT THE LOCATIONS WHERE PROPOSED CROSSWALKS ABUT THE STREET RETURNS OR AS DIRECTED BY THE ENGINEER. THE ENGINEER SHALL DETERMINE THE TYPE OF SIDEWALK RAMP TO BE PROVIDED AND THE LOCATION.
10. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO STRUCTURE AT ALL TIMES.
11. IF ANY EXISTING STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. SAID CONNECTION SHALL BE CONSIDERED INCIDENTAL TO THE STORM SEWER CONSTRUCTION.
12. ANY DAMAGE DONE TO THE WATER MAIN, WATER SERVICES, SANITARY SEWER, OR SANITARY SEWER SERVICES NOT CONSIDERED IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE.
13. ALL TRENCHES SHALL HAVE CLASS D PATCHES PLACED ON TOP OF THE TRENCH BACKFILL THROUGH EXISTING PAVEMENT AREAS TO REMAIN OPEN TO TRAFFIC. CLASS D PATCHES WILL NOT BE REQUIRED ON TRENCHES THRU RESIDENTIAL DRIVEWAYS.
14. ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT VESTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. FLAGGERS ARE REQUIRED TO WEAR VESTS AS DESCRIBED IN THE SPECIAL PROVISIONS. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
15. DURING CONSTRUCTION STAGING OPERATIONS, THE OAK FOREST POLICE, FIRE DEPARTMENTS, POST OFFICE, AND SCHOOL DISTRICTS SHALL BE NOTIFIED IN WRITING 48 HOURS PRIOR TO STREET CLOSURES. EMERGENCY ACCESS SHALL BE ALLOWED AT ALL TIMES.
16. THE CONTRACTOR SHALL REPLACE ALL STREET SIGNS REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
17. ALL POSTS, RAILROAD TIES, FENCING, LANDSCAPING ITEMS AND SPECIAL CONCRETE OR BRICK MAIL BOX SUPPORTS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN PART OF EARTH EXCAVATION UNLESS OTHERWISE NOTED IN THE PLANS.
18. CONNECTION OF PROPOSED STORM SEWER INTO EXISTING STORM SEWER OR EXISTING STORM SEWER STRUCTURES SHALL BE INCIDENTAL.
19. CONNECTION OF EXISTING STORM SEWER INTO PROPOSED STORM SEWER OR PROPOSED STORM SEWER STRUCTURES SHALL BE INCIDENTAL.
20. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED-ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
21. ALL MANHOLES SHALL HAVE THE WORDS "STORM", "SANITARY", OR "WATER", AS APPLICABLE STAMPED ONTO SELF SEALING LIDS FOR TYPE 1 FRAMES AS INCIDENTAL TO THE MANHOLE.
22. ANY MAILBOXES IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH CITY POST OFFICE STANDARDS AS INCIDENTAL TO CONSTRUCTION. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
23. POROUS GRANULAR EMBANKMENT: FINAL QUANTITY DETERMINATION SHALL BE BASED ON CROSS-SECTIONS TAKEN AT THE TIME OF CONSTRUCTION.
24. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE: ANY ANTI-STRIPPING ADDITIVE REQUIRED SHALL BE CONSIDERED INCLUDED IN THE COST OF THE SURFACE COURSE.
25. PORTLAND CEMENT CONCRETE SIDEWALK: EXCAVATION FOR THE PROPOSED SIDEWALK WILL BE PAID FOR AS EARTH EXCAVATION IN AREAS WHERE THERE IS NO EXISTING SIDEWALK. EXCAVATION FOR THE PROPOSED SIDEWALK WILL BE PAID FOR SEPARATELY AS SIDEWALK REMOVAL IN AREAS WHERE THE EXISTING SIDEWALK IS TO BE REMOVED AND REPLACED.
26. DRIVEWAY PAVEMENT REMOVAL AND SIDEWALK REMOVAL: THIS WORK SHALL ALSO INCLUDE REMOVING AND DISPOSING OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED SUBGRADE ELEVATION AS DETERMINED BY THE ENGINEER.
27. PIPE CULVERT REMOVAL: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE CULVERT REMOVAL, REGARDLESS OF SIZE.
28. REMOVAL OR FLARED END SECTIONS SHALL BE INCLUDED IN THE QUANTITY OF THE ITEM BEING REMOVED, TO BE MEASURED IN LINEAL FEET.
29. REMOVAL OF EXISTING ROADWAY OR DRIVEWAY BITUMINOUS PAVEMENT AND/OR AGGREGATE SHOULDER MATERIAL HAS BEEN INCLUDED IN THE QUANTITY OF THE EARTHWORK ITEMS UNLESS OTHERWISE NOTED.

EXISTING

- SA SA
ST ST
W
WS
FM
MANHOLE
CATCH BASIN
INLET
DRYWELL
FLARED END SECTION
FIRE HYDRANT
WATER VALVE W/ BOX AND COVER
WATER VALVE VAULT
WATER SERVICE BOX OR CURB STOP
WATER METER
CLEAN OUT
SEPTIC VENT
TO BE ABANDONED AND/OR REMOVED

PROPOSED

- SA SA
ST ST
W
WS
MANHOLE
CATCH BASIN
INLET
DRYWELL
FLARED END SECTION
FIRE HYDRANT
WATER VALVE W/ BOX AND COVER
WATER VALVE VAULT
WATER SERVICE BOX OR CURB STOP
WATER METER
CLEAN OUT
SEPTIC VENT
TO BE ABANDONED AND/OR REMOVED

- CONC
BIT
CMP
GR
FH
CI
DI
F-F
E-E
B-B
BM
INV EL
CL EL
P
G
C
BC
EOP
PL
ROW
FL
TF
TC
- PORTLAND CEMENT CONCRETE
BITUMINOUS PAVEMENT
GRAVEL
CORRUGATED METAL PIPE
FIRE HYDRANT
CAST IRON
DUCTILE IRON
FACE-TO-FACE
EDGE-TO-EDGE
BACK-TO-BACK
BENCH MARK
INVERT ELEVATION
CENTERLINE ELEVATION
POINT
GUTTER
CURB
BACK OF CURB
EDGE OF PAVEMENT
PROPERTY LINE
RIGHT OF WAY
FLOW LINE
TOP OF FRAME
TOP OF CURB OR CONCRETE

- R
A
D
T
L
R
E
SE
X
PC
PI
PT
POT
PCC
PRC
VC
N&W
TCE
- STRUCTURE TO BE RECONSTRUCTED
STRUCTURE TO BE ADJUSTED
CENTRAL ANGLE
DEGREE OF CURVE
TANGENT LENGTH
CURVE LENGTH
RADIUS OF CURVE
EXTERNAL DISTANCE
SUPERELEVATION
(FT. PER FT. OF WIDTH)
EXTERNAL DISTANCE OF
VERTICAL CURVE
POINT OF CURVATURE
POINT OF INTERSECTION
POINT OF TANGENCY
POINT ON TANGENCY
POINT OF COMPOUND CURVATURE
POINT OF REVERSE CURVATURE
VERTICAL CURVE
NAIL AND WASHER
TEMPORARY CONSTRUCTION EASEMENT

- G
GV
GM
GR
GAS
T
TD
TEL
TR
TV
CTV
CTV
E
EM
ET
EV
JB
- GAS LINE
GAS VALVE W/ BOX AND COVER
GAS VALVE VAULT
GAS METER
GAS RISER
GAS SERVICE VALVE
TELEPHONE CABLE
TELEPHONE DUCT
TELEPHONE VAULT
TELEPHONE RISER
CABLE TELEVISION (BURIED)
CABLE T.V. RISER
CABLE T.V. VAULT
UNDERGROUND ELECTRICAL
ELECTRIC METER
PAD MOUNTED TRANSFORMER
ELECTRIC VAULT
JUNCTION BOX

- UTILITY POLE W/ GUY ANCHOR
UTILITY POLE W/ LIGHT
LIGHT STANDARD
MAIL BOX
STREET SIGN
RAILROAD SIGNAL
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL POST W/ SIGNAL HEAD
HANDHOLE
DECIDUOUS TREE (W/ TRUNK INCH DIA.)
CONIFEROUS TREE (W/ HEIGHT)
DECIDUOUS BUSH
CONIFEROUS BUSH
DEFINING EDGE OF BRUSH
OR FORESTED AREA
FENCE
GUARD RAIL
CULVERT (CMP UNLESS NOTED)
DITCH
SUMMIT
EDGE OF LAKE, RIVER, ETC.
MARSH
TOP OR TOE OF SLOPE
CONTOUR
EASEMENT
RIGHT OF WAY (ROW)
FENCED RIGHT OF WAY (ROW)
RIGHT OF WAY MONUMENT
UNFENCED PROPERTY LINE
FENCED PROPERTY LINE
IRON PIPE (PROPERTY CORNER)
CORPORATE LIMITS

- (HATCHED SHALL
BE REMOVED)
(HATCHED SHALL
BE REMOVED)

- 625.35
(625.9)
B.M.
CP
- PROPOSED EL/(EXISTING EL.)
(POINT, GUTTER, TOP OF CURB)
SOIL BORING AND NUMBER
BENCH MARK
SURVEY CONTROL POINT

CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	8-17-04	PER I.D.O.T. AND CITY REVIEW
* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS		3036-SHT2.DWG	UKB 25/AUG/04 11:19



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CITY OF OAK FOREST, ILLINOIS
LOCKWOOD AVENUE
IMPROVEMENTS

GENERAL NOTES,
LEGEND AND
ABBREVIATIONS

DESIGNED BY NJP/MCU	SCALE NONE
DRAWN BY UKB	PROJECT NO. 030036
CHECKED BY LDH	SHEET NO.
DATE 6-08-04	2 OF 66